

LABdex



Double Pier Shaking Incubator LX101DPI

Email: info@labdex.com **website:** www.labdex.com

Description

Double Pier Shaking Incubator LX101DPI is a floor-type shaking incubator with P.I.D. Environmental Scanning microprocessor controller and LCD screen for simultaneous display of working & set parameters. The outer chamber comprises powder-coated steel and the inner chamber comprises stainless steel with a Fluorescent lamp and UV lamp. Features with various types of alarm functions such as high/low limit over temperature acoustic & visual alarm, high/low limit over speed alarm, electric current leakage and overload protection, motor over-heat protection and automatic power cut-off in case of temperature out of control or abnormal over-temperature.

Specifications

Capacity	180 L
Temp. range	RT +5°C-60°C
Control	P.I.D. (Environmental scanning microprocessor)
Display	LCD
Convection	High speed circulation
Oscillation mode	Orbital
Drive	Single-shaft balance device
Working environment	Temperature: 15°C~35°C; Humidity: 20%-90%
Door	Single door
Temp. accuracy	±0.1°C
Temp. uniformity	
Speed range	30-300rpm

Speed accuracy	±1rpm
Oscillation amplitude	Φ25mm
Timing range	0-999.59 hr
Platform size	485 x 348 x 70 mm
Platform quantity	1 x Dual-deck platform
Chamber material	Polished SUS304 stainless steel
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Construction	Powder coated steel
Power	600 W
Power supply	AC 200~240V 50-60HZ; AC110V/60Hz
Chamber dimensions (W x D x H)	600 x 440 x 680 mm
Overall dimensions	700 x 580 x 1300 mm
Net weight	185 kg
Packing dimensions	820 x 740 x 1520 mm
Gross weight	220 kg

Features

- Built-in mono color backlight LCD display, acoustic and visual alarms function and P.I.D. Environmental Scanning Microprocessor controller
- Having AC inductive long-life brushless motor, with wide speed regulation, constant torque, constant speed of rotation and maintenance-free

- ✓ Speed range extensible to 50-300rpm and timer up to 999.59 hours
- ✓ Equipped with a large toughened glass window to view temperature, speed and time
- ✓ Power-failure recovery, parameter memory, temperature/speed calibration, time display, and room/working temperature display
- ✓ 120W AC inductive long-life brushless motor, with wide speed regulation, constant torque, constant speed of rotation, and maintenance-free
- ✓ Designed with single-shaft 5-dimensions technology, quiet and durable
- ✓ Repeat, increment (step) and 8-segment curve programming setting
- ✓ The acceleration control circuit ensures a soft start, smooth acceleration and the safety of samples

Applications

- ✓ Double Pier Shaking Incubator used in the Pharmaceutical industry, Microbiology, Biotechnology, Fermentation industry etc.

Standard Accessories

- ✓ Fluorescent lamp x 2 Pcs
- ✓ UV lamp x 2 Pcs
- ✓ Dual deck flask shaking platform x 1 Pcs
- ✓ Flask clamps (One size offered as standard configuration)

Optional Accessories

- ✓ 7-inch touch screen LCD display
- ✓ Dual deck flask shaking platform (with 1 universal spring platform + 1 flask shaking platform)
- ✓ LED culture lighting system
- ✓ Tube rack
- ✓ Microplate rack

Configuration

Flask specification	Maximum capacity
50 ml	78
100 ml	54
250 ml	32
500 ml	24
1000 ml	14



71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

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